```
UUU        UUU  EEEEEEEEEEEEEE  TTTTTTTTTTTTTT  PPPPPPPPPPP      SSSSSSSSSSSS  YYY          YYY
UUU        UUU  EEEEEEEEEEEEEE  TTTTTTTTTTTTTT  PPPPPPPPPPP      SSSSSSSSSSSS  YYY          YYY
UUU        UUU  EEEEEEEEEEEEEE  TTTTTTTTTTTTTT  PPPPPPPPPPP      SSSSSSSSSSSS  YYY          YYY
UUU        UUU  EEE                     TTT     PPP      PPP  SSS              YYY          YYY
UUU        UUU  EEE                     TTT     PPP      PPP  SSS              YYY          YYY
UUU        UUU  EEE                     TTT     PPP      PPP  SSS              YYY          YYY
UUU        UUU  EEE                     TTT     PPP      PPP  SSS                 YYY    YYY
UUU        UUU  EEE                     TTT     PPP      PPP  SSS                 YYY    YYY
UUU        UUU  EEE                     TTT     PPP      PPP  SSS                 YYY    YYY
UUU        UUU  EEEEEEEEEEE             TTT     PPPPPPPPPPP      SSSSSSSSS           YYY
UUU        UUU  EEEEEEEEEEE             TTT     PPPPPPPPPPP      SSSSSSSSS           YYY
UUU        UUU  EEEEEEEEEEE             TTT     PPPPPPPPPPP      SSSSSSSSS           YYY
UUU        UUU  EEE                     TTT     PPP                        SSS       YYY
UUU        UUU  EEE                     TTT     PPP                        SSS       YYY
UUU        UUU  EEE                     TTT     PPP                        SSS       YYY
UUU        UUU  EEE                     TTT     PPP                        SSS       YYY
UUU        UUU  EEE                     TTT     PPP                        SSS       YYY
UUUUUUUUUUUUUU  EEEEEEEEEEEEEE          TTT     PPP              SSSSSSSSSSSS        YYY
UUUUUUUUUUUUUU  EEEEEEEEEEEEEE          TTT     PPP              SSSSSSSSSSSS        YYY
UUUUUUUUUUUUUU  EEEEEEEEEEEEEE          TTT     PPP              SSSSSSSSSSSS        YYY
```

SATSSF13

LIS

SATSSF13
V04-000

C 6
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:41:49 VAX/VMS Macro V04-00   Page 1
                                        5-SEP-1984 04:29:04 [UETPSY.SRC]SATSSF13.MAR;1   (1)

```
0000    1              .TITLE  SATSSF13 - SATS SYSTEM SERVICE TESTS  (FAILING S.C.)
0000    2              .IDENT  'V04-000'
0000    3
0000    4
0000    5      ;***********************************************************************
0000    6      ;*                                                                     *
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0000   24      ;*                                                                     *
0000   25      ;*                                                                     *
0000   26      ;***********************************************************************
0000   27      ;
0000   28
0000   29      ;++
0000   30      ; FACILITY:      SATS SYSTEM SERVICE TESTS
0000   31      ;
0000   32      ; ABSTRACT:      THE SATSSF13 MODULE TESTS THE EXECUTION OF CERTAIN
0000   33      ; VMS SYSTEM SERVICES, INVOKED IN SUCH A WAY AS TO EXPECT FAILING
0000   34      ; STATUS CODES. THE SYSTEM SERVICES TESTED AND THE STATUS CODES
0000   35      ; EXPECTED ARE SUMMARIZED AS ARGUMENTS TO THE TESTSERV MACROS
0000   36      ; WHICH APPEAR NEAR THE END OF THIS LISTING. SUCCESSFUL STATUS
0000   37      ; CODES ARE TESTED IN OTHER MODULES.
0000   38      ;
0000   39      ;
0000   40      ; ENVIRONMENT:  USER MODE IMAGE; NEEDS CMKRNL PRIVILEGE,
0000   41      ;               DYNAMICALLY ACQUIRES OTHER PRIVILEGES, AS NEEDED.
0000   42      ;
0000   43      ; AUTHOR: THOMAS L. CAFARELLA,           CREATION DATE: MMM, 1978
0000   44      ;         PAUL D. FAY (DISPSERV & TESTSERV MACROS)
0000   45      ;
0000   46      ; MODIFIED BY:
0000   47      ;
0000   48      ;       . : VERSION
0000   49      ; 01    -
0000   50      ;--
```

```
                0000    52                    .SBTTL  DECLARATIONS
                0000    53 ;
                0000    54 ; INCLUDE FILES:
                0000    55 ;
                0000    56          $PHDDEF                              ; PROCESS HEADER OFFSET SYMBOLS
                0000    57          $PCBDEF                              ; PROCESS CONTROL BLOCK OFFSET SYMBS
                0000    58          $STSDEF                              ; STATUS MESSAGE SYMBOLS
                0000    59          $PRVDEF                              ; SYMBOL DEFS FOR PRIVILEGES
                0000    60          $UETPDEF                             ; UETP MSG CODE DEFINITIONS
                0000    61          $SHR_MESSAGES UETP,116,<<TEXT,INFO>>
                0000    62                                              ; DEFINE UETP$ TEXT
                0000    63                                              ; GET RID OF MACRO DEFINITIONS
                0000    64          $PSLDEF                              ; ACCESS MODE SYMBOLS
                0000    65 ;
                0000    66 ; MACROS:
                0000    67 ;
                0000    68 ;
                0000    69 ; EQUATED SYMBOLS:
                0000    70 ;
00000000        0000    71 WARNING          = 0                         ; WARNING SEVERITY VALUE FOR MSGS
00000001        0000    72 SUCCESS          = 1                         ; SUCCESS SEVERITY VALUE FOR MSGS
00000002        0000    73 ERROR            = 2                         ; ERROR SEVERITY VALUE FOR MSGS
00000003        0000    74 INFO             = 3                         ; INFORMATIONAL SEV VALUE FOR MSGS
00000004        0000    75 SEVERE           = 4                         ; SEVERE (FATAL) SEV VALUE FOR MSGS
00000000        0000    76 TCG_NO           = 0                         ; INITIALIZE TEST CASE GROUP NUMBER
00000000        0000    77 GRP_TOTAL        = 0                         ; INITIALIZE TEST CASE GROUP TOTAL
00007FFF        0000    78 R0_THRU_SP       = ^M<R0,R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP,SP>
00000000        0000    79 INADR_CVA12      = 0                         ; INADR ARG FOR CRETVA (LOCATION 0)
00000001        0000    80 RETADR_CVA20     = 1                         ; RETADR ARG FOR CRETVA (LOCATION 1)
00000000        0000    81 INADR_DVA12      = 0                         ; INADR ARG FOR DELTVA (LOCATION 0)
00000001        0000    82 RETADR_DVA20     = 1                         ; RETADR ARG FOR DELTVA (LOCATION 1)
00000000        0000    83 INADR_PWS10      = 0                         ; INADR ARG FOR PURGWS (LOCATION 0)
00000001        0000    84 WSETLM_AWS20     = 1                         ; WSETLM ARG FOR ADJWSL (LOCATION 1)
                0000    85 ;
                0000    86 ; OWN STORAGE:
                0000    87 ;
```

```
                    00000000      89            .PSECT   RODATA,RD,NOWRT,NOEXE,LONG
               BFFC 0000          90 REG_COMP_MASK:  .WORD    ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,AP,FP> ! ^X8000 -
                    0002          91                                         ; REG COMPARE MASK (HIGH-ORDER ...
                    0002          92                                         ; ... BIT MUST BE ON
                    0002          93 ERR_MSG_FAOCTL: STRING  I,<!/!AC!1ZB!1ZB; REGISTER !2UW CONTENTS ALTERED>, -
                    0002          94                             <;  BEFORE SERVICE CALL: !8XL    AFTER SERVICE CALL: !8XL>
                    006E          95 TEST_MOD_NAME:  STRING   C,<SATSSF13>    ; TEST MODULE NAME
                    0077          96 TEST_MOD_BEG:   STRING   C,<begun>       ; DISPOSITION FIELD OF TEST MOD MSG
                    007D          97 TEST_MOD_SUCC:  STRING   C,<successful>  ; DISPOSITION FIELD OF TEST MOD MSG
                    0088          98 TEST_MOD_FAIL:  STRING   C,<failed>      ; DISPOSITION FIELD OF TEST MOD MSG
                    008F          99 TEST_MOD_NAME_D: STRING  I,<SATSSF13>    ; TEST MODULE NAME DESCRIPTOR
                    009F         100 TTNAME:         STRING   I,<TT>          ; TERMINAL LOGICAL NAME
00000000'00000000'  00A9         101 INADR:          .LONG    NOACCESS,NOACCESS ; PAGE ADDRESS OF NOACCESS PSECT
         00000000'  00B1         102 PROT:           .LONG    PRT$C_NA       ; PROTECTION CODE FOR NOACCESS PSECT
FFFFFFFF FFFFFFFF   00B5         103 ONES:           .LONG    -1,-1          ; A QUADWORD OF 1-BITS
                    00BD         104 INADR_CVA10:                            ; INADR ARGUMENT FOR CRETVA
                    00BD         105 INADR_DVA10:                            ; INADR ARGUMENT FOR DELTVA
         80000000'  00BD         106                 .ADDRESS ^X80000000     ; .......
         8F000000'  00C1         107                 .ADDRESS ^X8F000000     ; .......
         000000CD   00C5         108 RETADR_CVA21:   .BLKL    2              ; RETADR ARGUMENT FOR CRETVA
         000000D5   00CD         109 RETADR_DVA21:   .BLKL    2              ; RETADR ARGUMENT FOR DELTVA
                    00D5         110 ACMODE_CVA:                             ; ACMODE ARGUMENT FOR CRETVA
                    00D5         111 ACMODE_DVA:                             ; ACMODE ARGUMENT FOR DELTVA
         00000003   00D5         112                 .LONG    PSL$C_USER
00000000'00000000'  00D9         113 INADR_PWS:      .ADDRESS 0,0            ; INADR ARGUMENT FOR PURGWS
         00000001   00E1         114 PAGCNT_AWS:     .LONG    1              ; PAGCNT ARGUMENT FOR ADJWSL
         000000E9   00E5         115 WSETLM_AWS21:   .BLKL    1              ; WSETLM ARGUMENT FOR ADJWSL
```

```
     00000000    117           .PSECT  RWDATA,RD,WRT,NOEXE
00000004  0000    118 TPID:          .BLKL   1          ; PROCESS ID FOR THIS PROCESS
00000008  0004    119 CURRENT_TC:    .BLKL   1          ; PTR TO CURRENT TEST CASE
00000044  0008    120 REG_SAVE_AREA: .BLKL   15         ; SAVE AREA FOR ALL REGS (SANS PC)
007480D9  0044    121 MOD_MSG_CODE:  .LONG   UETP$_SATSMS ; TEST MODULE MSG CODE FOR PUTMSG
0000004C  0048    122 CLOB_REG_NO:   .BLKL   1          ; CLOBBERED REG NO (FOR FAO ERR MSG)
00000050  004C    123 REG_BEFORE_SS: .BLKL   1          ; REG CONTENTS BEFORE S.S.
          0050    124                                   ; ...  (FOR FAO ERROR MSG)
00000054  0050    125 REG_AFTER_SS:  .BLKL   1          ; REG CONTENTS AFTER S.S.
          0054    126                                   ; ...  (FOR FAO ERROR MSG)
          0054    127 $$TSTN$$:      STRING  C,< SF >   ; ASCII PORTION OF TEST CASE NAME
0000006E' 005C    128 TMN_ADDR:      .ADDRESS TEST_MOD_NAME ; ADDR OF TEST MOD NAME FOR FAO
00000077' 0060    129 TMD_ADDR:      .ADDRESS TEST_MOD_BEG ; ADDR OF T.M. DISP FIELD FOR FAO
00000068  0064    130 TS_EP:         .BLKL   1          ; ENTRY PNT FOR CURR TESTSERV MACRO
00000070  0068    131 RETADR:        .BLKL   2          ; RETURN LONGWORDS FOR SETPRT
00000071  0070    132 PRVPRT:        .BLKB   1          ; PROT RETURN BYTE FOR SETPRT
00000079  0071    133 PRIVMASK:      .BLKQ   1          ; ADDR OF PRIVILEGE MASK (IN PHD)
0000007D  0079    134 CHM_CONT:      .BLKL   1          ; CHANGE MODE CONTINUE ADDRESS
00000091  007D    135 REGS:          .BLKL   5          ; AREA FOR COND INDEX REGS (R2-R6)
00000099  0091    136 INADR_CVA:     .BLKL   2          ; INADR ARGUMENT FOR CRETVA SERVICE
000000A1  0099    137 INADR_CVA11:   .BLKL   2          ; INADR ARGUMENT FOR CRETVA SERVICE
000000A9  00A1    138 RETADR_CVA:    .BLKL   2          ; RETADR ARGUMENT FOR CRETVA SERVICE
000000B1  00A9    139 INADR_DVA:     .BLKL   2          ; INADR ARGUMENT FOR DELTVA SERVICE
000000B9  00B1    140 INADR_DVA11:   .BLKL   2          ; INADR ARGUMENT FOR DELTVA SERVICE
000000C1  00B9    141 RETADR_DVA:    .BLKL   2          ; RETADR ARGUMENT FOR DELTVA SERVICE
000000C5  00C1    142 WSETLM_AWS:    .BLKL   1          ; WSETLM ARGUMENT FOR ADJWSL SERVICE
```

```
        00000000       144                .PSECT  SATS_ACCVIO_1,RD,WRT,NOEXE,PAGE
        00000200  0000 145 EMPTY:                .BLKB   512               ; RESERVE A PAGE OF SPACE
                  0200 146 ;
                  0200 147 ;+
                  0200 148 ; *********************************************************************
                  0200 149 ; *                                                                   *
                  0200 150 ; *      THE ORDER OF STATEMENTS IN THIS PSECT IS CRITICAL.           *
                  0200 151 ; *      DO NOT RE-ARRANGE THE VARIABLES. CONSULT SATS                *
                  0200 152 ; *      FUNCTIONAL SPECIFICATION FOR A DESCRIPTION OF THE USE         *
                  0200 153 ; *      OF THE EMPTY PSECT (AND ITS COMPANION PSECT, NOACCESS).       *
                  0200 154 ; *                                                                   *
                  0200 155 ; *********************************************************************
                  0200 156 ;-
                  0200 157 ;
                  0200 158 ; TYPE AAAAA_SSSX1 (TYPE AAAAA_SSSX2 IF NOT DESC) GO HERE:
      000001F9    0200 159 INADR_CVA14        = . - 7              ; INADR ARGUMENT FOR CRETVA
      000001F9    0200 160 RETADR_CVA22       = . - 7              ; RETADR ARGUMENT FOR CRETVA
      000001F9    0200 161 INADR_DVA14        = . - 7              ; INADR ARGUMENT FOR DELTVA
      000001F9    0200 162 RETADR_DVA22       = . - 7              ; RETADR ARGUMENT FOR DELTVA
      000001F9    0200 163 INADR_PWS12        = . - 7              ; INADR ARGUMENT FOR PURGWS
      000001FF    0200 164 WSETLM_AWS22       = . - 1              ; WSETLM ARG FOR ADJWSL (LAST BYTE IN PAGE)
      000001F3    0200 165                    . = . - 13           ; ALLOW ROOM FOR STRING DESCRIPTOR
                  01F3 166 ; TYPE AAAAA_SSSX5 GO HERE:
      00000006    01F3 167                    .LONG   6            ; STRING LENGTH (WILL CROSS PSECT BOUNDARY)
      000001FB'   01F7 168                    .ADDRESS .+4         ; STRING ADDRESS
                  01FB 169 ; TYPE AAAAA_SSSX3 GO HERE:
      000001FC    01FB 170                    .BLKB   1            ; LOW-ORDER BYTE OF STRING LENGTH
                  01FC 171 ; TYPE AAAAA_SSSX2 GO HERE:
      00000200    01FC 172                    .BLKL   1            ; STRING LENGTH
                  0200 173 ;
                  0200 174 ;
                  0200 175 ;
                  0200 176 ;
        00000000       177                .PSECT  SATS_ACCVIO_2,RD,WRT,NOEXE,PAGE
        00000200  0000 178 NOACCESS:             .BLKB   512               ; RESERVE A PAGE OF SPACE
        00000000  0200 179                    . = . - 512          ; RETURN LOC CTR TO BEGINNING OF PSECT
        00000000' 0000 180                    .ADDRESS EMPTY       ; ADDRESS OF ACCESSIBLE STRING
        00000000' 0004 181                    .ADDRESS EMPTY/^X100 ; ADDRESS OF ACCESSIBLE STRING
                  0008 182 ;+
                  0008 183 ; *** NOTE -- DO NOT CHANGE LOCATION OR SEQUENCE OF ABOVE STATEMENTS!
                  0008 184 ; ***        THIS PSECT (NOACCESS) MUST APPEAR IN MEMORY IMMEDIATELY
                  0008 185 ; ***        FOLLOWING THE EMPTY PSECT. PSECT NAMES AND OPTIONS WILL BE
                  0008 186 ; ***        CHOSEN TO FORCE THE DESIRED PSECT ORDERING.
                  0008 187 ;-
                  0008 188 ;
                  0008 189 INADR_CVA13:                             ; INADR ARGUMENT FOR CRETVA
                  0008 190 INADR_DVA13:                             ; INADR ARGUMENT FOR DELTVA
                  0008 191 INADR_PWS11:                             ; INADR ARGUMENT FOR PURGWS
        00000010  0008 192                    .BLKL   2
        00000000       193                .PSECT  SATSSF13,RD,WRT,EXE,LONG
```

SATSSF13
V04-000

H 6
- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:41:49 VAX/VMS Macro V04-00   Page 6
SATSSF13   5-SEP-1984 04:29:04 [UETPSY.SRC]SATSSF13.MAR;1   (1)

```
0000    195                    .SBTTL  SATSSF13
0000    196      ;++
0000    197      ; FUNCTIONAL DESCRIPTION:
0000    198      ;
0000    199      ;           AFTER PERFORMING SOME INITIAL HOUSEKEEPING, SUCH AS
0000    200      ; PRINTING THE MODULE BEGIN MESSAGE AND ACQUIRING ALL PRIVILEGES,
0000    201      ; THE SATSSF13 ROUTINE EXECUTES THE TEST SERV EXEC MACRO TO RUN
0000    202      ; ALL TEST CASES. WHEN THE MACRO COMPLETES ITS EXECUTION, SATSSF13
0000    203      ; PRINTS A TEST MODULE SUCCESS OR FAIL MESSAGE AND EXITS TO THE
0000    204      ; OPERATING SYSTEM. TEST SERV EXEC CALLS THE TC CONTROL/TESTSERV
0000    205      ; CO-ROUTINE PAIR ONCE PER TEST CASE GROUP TO EXECUTE ALL TEST
0000    206      ; CASES IN THAT GROUP. EACH TEST CASE GROUP IS DEFINED BY BOUNDING
0000    207      ; ITS TEST CASES WITH A TC GROUP MACRO BEFORE THE FIRST TEST CASE
0000    208      ; AND A TCEND MACRO AFTER THE LAST ONE. THE TEST CASES THEMSELVES
0000    209      ; ARE DEFINED WITHIN THESE BOUNDS BY PRECEDING EACH WITH A
0000    210      ; NEXT TEST_CASE MACRO. TC_CONTROL/TESTSERV EXECUTES THE CODE
0000    211      ; FOLLOWING EACH NEXT TEST-CASE MACRO IMMEDIATELY BEFORE ISSUING
0000    212      ; THE SYSTEM SERVICE AS REQUESTED IN THE TESTSERV MACRO. TC CONTROL/
0000    213      ; TESTSERV ALSO CHECKS THE RESULTS OF THE SERVICE WITH RESPECT
0000    214      ; TO ITS EXPECTED STATUS CODE AND PRINTS ANY REQUIRED FAILURE
0000    215      ; MESSAGES FOR THE TEST CASE. THE CODE APPEARING AFTER EACH
0000    216      ; NEXT TEST CASE MACRO IS MERELY TO SET UP CONDITIONS REQUIRED
0000    217      ; FOR THE SYSTEM SERVICE AND TO CLEAN UP ANY RESOURCES ACQUIRED
0000    218      ; BY THE PREVIOUS TEST CASE.
0000    219      ;
0000    220      ; CALLING SEQUENCE:
0000    221      ;
0000    222      ;     $ RUN SATSSF13  ...  (DCL COMMAND)
0000    223      ;
0000    224      ; INPUT PARAMETERS:
0000    225      ;
0000    226      ;     NONE
0000    227      ;
0000    228      ; IMPLICIT INPUTS:
0000    229      ;
0000    230      ;     NONE
0000    231      ;
0000    232      ; OUTPUT PARAMETERS:
0000    233      ;
0000    234      ;     NONE
0000    235      ;
0000    236      ; IMPLICIT OUTPUTS:
0000    237      ;
0000    238      ;     MESSAGES TO SYS$OUTPUT ARE THE ONLY OUTPUT FROM SATSSF13.
0000    239      ;     THEY ARE OF THE FORM:
0000    240      ;
0000    241      ;         %UETP-S-SATSMS, TEST MODULE SATSSF13 BEGUN ... (BEGIN MSG)
0000    242      ;         %UETP-S-SATSMS, TEST MODULE SATSSF13 SUCCESSFUL ... (END MSG)
0000    243      ;         %UETP-E-SATSMS, TEST MODULE SATSSF13 FAILED ... (END MSG)
0000    244      ;         %UETP-I-TEXT, ... (VARIABLE INFORMATION ABOUT A TEST MODULE FAILURE)
0000    245      ;
0000    246      ; COMPLETION CODES:
0000    247      ;
0000    248      ;     THE SATSSF13 ROUTINE TERMINATES WITH A $EXIT TO THE
0000    249      ;     OPERATING SYSTEM WITH A STATUS CODE DEFINED BY UETP$_SATSMS.
0000    250      ;
0000    251      ; SIDE EFFECTS:
```

```
                       0000    252 ;
                       0000    253 ;        NONE
                       0000    254 ;
                       0000    255 ;--
                       0000    256
                       0000    257
                       0000    258
                       0000    259 SATSSF13:
              OFFC     0000    260         .WORD   ^M<R2,R3,R4,R5,R6,R7,R8,R9,R10,R11>
                       0002    261                                         ; ENTRY MASK
                       0002    262         $WAKE_S  TPID                   ; GET PID OF THIS PROCESS
                       0011    263         $HIBER_S                        ; UNDO WAKE
                       0018    264         $SETPRN_S TEST_MOD_NAME_D       ; SET PROCESS NAME
              0C82  30 0025    265         BSBW    MOD_MSG_PRINT           ; PRINT TEST MODULE BEGIN MSG
00000060'EF  0000007D'EF  DE  0028    266         MOVAL   TEST_MOD_SUCC,TMD_ADDR  ; ASSUME END MSG WILL SHOW SUCCESS
00000044'EF  03  00  01  F0  0033    267         INSV    #SUCCESS,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR SUCCESS
                       003C    268         MODE    TO,10$,KRNL,NOREGS      ; KERNEL MODE TO ACCESS PHD
      59   00000000'9F  DO  0059    269         MOVL    @#CTL$GL_PHD,R9         ; GET PROCESS HEADER ADDRESS
       00000071'EF  69  DE  0060    270         MOVAL   PHD$Q_PRIVMSK(R9),PRIVMASK ; GET PRIV MASK ADDRESS
                       0067    271         MODE    FROM,TO$                ; GET BACK TO USER MODE
                       0068    272         PRIV    ADD,ALL                 ; GET ALL PRIVILEGES
                       0088    273         DISPSERV                        ; SET UP DISPLAY INFO FOR TESTSERV
                       021D    274         $SETPRT_S INADR=INADR, RETADR=RETADR, -
                       021D    275                 PROT=PROT, PRVPRT=PRVPRT
                       023E    276                                         ; SET NOACCESS PSECT ...
                       023E    277                                         ; ... FOR NO USER ACCESS
              0906  31 023E    278         BRW     EXECUTE                 ; GO EXECUTE ALL TEST CASES
                       0241    279 ;
                       0241    280         TC_GROUP        CVA,1,TS1
                       0268    281 ;
                       0268    282         NEXT_TEST_CASE SFCVA10
```

```
0268   283   ;++
0268   284   ;********************************************************
0268   285   ;*
0268   286   ;*
0268   287   ;*   TEST CASE NAME:          SFCVA10
0268   288   ;*
0268   289   ;*   SYSTEM SERVICE:          CRETVA
0268   290   ;*
0268   291   ;*   ARGUMENT UNDER TEST:     INADR_CVA10
0268   292   ;*
0268   293   ;*   INPUT CONDITIONS:
0268   294   ;*      ISSUE CRETVA WITH RANGE OF ADDRESSES IN
0268   295   ;*         SYSTEM SPACE.
0268   296   ;*
0268   297   ;*   EXPECTED RESULTS:
0268   298   ;*      1) SYSTEM STATUS CODE:  NOPRIV
0268   299   ;*      2) REGISTERS R2 THROUGH FP UNCHANGED
0268   300   ;*
0268   301   ;********************************************************
0268   302   ;--
0268   303   ;
0268   304   ;
0268   305           NEXT_TEST_CASE  SFCVA11
```

```
0274   306  ;++
0274   307  ;*****************************************************************
0274   308  ;*
0274   309  ;*
0274   310  ;*   TEST CASE NAME:          SFCVA11
0274   311  ;*
0274   312  ;*   SYSTEM SERVICE:          CRETVA
0274   313  ;*
0274   314  ;*   ARGUMENT UNDER TEST:     INADR_CVA11
0274   315  ;*
0274   316  ;*   INPUT CONDITIONS:
0274   317  ;*     CREATE A PAGE ALREADY OWNED BY EXEC MODE.
0274   318  ;*
0274   319  ;*   EXPECTED RESULTS:
0274   320  ;*     1) SYSTEM STATUS CODE:  PAGOWNVIO
0274   321  ;*     2) REGISTERS R2 THROUGH FP UNCHANGED
0274   322  ;*
0274   323  ;*****************************************************************
0274   324  ;--
0274   325
0274   326          MODE    TO,10$,EXEC,NOREGS       ; GET INTO EXEC MODE FOR EXPREG
0291   327          $EXPREG_S PAGCNT=#1, RETADR=INADR_CVA11
02A4   328                                           ; GET A 1-PAGE REGION OWNED BY EXEC MODE
02A4   329          MODE    FROM,10$                 ; BACK TO USER MODE
02A5   330  ;
02A5   331          NEXT_TEST_CASE  SFCVA12
```

```
02B1   332  ;++
02B1   333  ;++
02B1   334  ; ****************************************************************
02B1   335  ; *
02B1   336  ; *   TEST CASE NAME:          SFCVA12
02B1   337  ; *
02B1   338  ; *   SYSTEM SERVICE:          CRETVA
02B1   339  ; *
02B1   340  ; *   ARGUMENT UNDER TEST:     INADR_CVA12
02B1   341  ; *
02B1   342  ; *   INPUT CONDITIONS:
02B1   343  ; *      INPUT ADDRESS FIELD AT LOCATION 0.
02B1   344  ; *
02B1   345  ; *   EXPECTED RESULTS:
02B1   346  ; *      1) SYSTEM STATUS CODE:  ACCVIO
02B1   347  ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
02B1   348  ; *
02B1   349  ; ****************************************************************
02B1   350  ;--
02B1   351  ;
02B1   352          MODE    TO,20$,EXEC,NOREGS     ; INTO EXEC MODE FOR CNTREG
02CE   353          $CNTREG_S PAGCNT=#1            ; GIVE BACK PAGE ACQUIRED BY SFCVA11
02DD   354          MODE    FROM,20$               ; BACK TO USER MODE
02DE   355  ;
02DE   356          NEXT_TEST_CASE  SFCVA13
```

```
02EA    357 :+
02EA    358 :++
02EA    359 : *****************************************************************
02EA    360 : *
02EA    361 : *   TEST CASE NAME:          SFCVA13
02EA    362 : *
02EA    363 : *   SYSTEM SERVICE:          CRETVA
02EA    364 : *
02EA    365 : *   ARGUMENT UNDER TEST:     INADR_CVA13
02EA    366 : *
02EA    367 : *   INPUT CONDITIONS:
02EA    368 : *      INPUT ADDRESS FIELD IN NON-ACCESSIBLE PSECT.
02EA    369 : *
02EA    370 : *   EXPECTED RESULTS:
02EA    371 : *      1) SYSTEM STATUS CODE:  ACCVIO
02EA    372 : *      2) REGISTERS R2 THROUGH FP UNCHANGED
02EA    373 : *
02EA    374 : *****************************************************************
02EA    375 :--
02EA    376 :
02EA    377 :
02EA    378 :          NEXT_TEST_CASE  SFCVA14
```

```
02F6   379  ;
02F6   380  ;++
02F6   381  ;*****************************************************************
02F6   382  ;*
02F6   383  ;*  TEST CASE NAME:        SFCVA14
02F6   384  ;*
02F6   385  ;*  SYSTEM SERVICE:        CRETVA
02F6   386  ;*
02F6   387  ;*  ARGUMENT UNDER TEST:   INADR_CVA14
02F6   388  ;*
02F6   389  ;*  INPUT CONDITIONS:
02F6   390  ;*     SECOND LONGWORD OF INPUT ADDRESS FIELD BEGINS IN
02F6   391  ;*        ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
02F6   392  ;*
02F6   393  ;*  EXPECTED RESULTS:
02F6   394  ;*     1) SYSTEM STATUS CODE:  ACCVIO
02F6   395  ;*     2) REGISTERS R2 THROUGH FP UNCHANGED
02F6   396  ;*
02F6   397  ;*****************************************************************
02F6   398  ;--
02F6   399  ;
02F6   400  ;
02F6   401          NEXT_TEST_CASE  SFCVA20
```

```
0302  402 ;++
0302  403 ;
0302  404 ;*********************************************************************
0302  405 ;*
0302  406 ;*   TEST CASE NAME:        SFCVA20
0302  407 ;*
0302  408 ;*   SYSTEM SERVICE:        CRETVA
0302  409 ;*
0302  410 ;*   ARGUMENT UNDER TEST:   RETADR_CVA20
0302  411 ;*
0302  412 ;*   INPUT CONDITIONS:
0302  413 ;*     RETURN ADDRESS FIELD AT LOCATION 1.
0302  414 ;*
0302  415 ;*   EXPECTED RESULTS:
0302  416 ;*     1) SYSTEM STATUS CODE:  ACCVIO
0302  417 ;*     2) REGISTERS R2 THROUGH FP UNCHANGED
0302  418 ;*
0302  419 ;*********************************************************************
0302  420 ;--
0302  421 ;
0302  422 ;
0302  423 ;     NEXT_TEST_CASE  SFCVA21
```

```
030E   424
030E   425  :++
030E   426  :*  ************************************************************
030E   427  :*
030E   428  :*     TEST CASE NAME:          SFCVA21
030E   429  :*
030E   430  :*     SYSTEM SERVICE:          CRETVA
030E   431  :*
030E   432  :*     ARGUMENT UNDER TEST:     RETADR_CVA21
030E   433  :*
030E   434  :*     INPUT CONDITIONS:
030E   435  :*        RETURN ADDRESS FIELD IN READ-ONLY PSECT.
030E   436  :*
030E   437  :*     EXPECTED RESULTS:
030E   438  :*        1) SYSTEM STATUS CODE:  ACCVIO
030E   439  :*        2) REGISTERS R2 THROUGH FP UNCHANGED
030E   440  :*
030E   441      ************************************************************
030E   442  :--
030E   443  :
030E   444
030E   445            NEXT_TEST_CASE  SFCVA22
```

```
031A  446 ;
031A  447 ;++
031A  448 ; ***************************************************************
031A  449 ; *
031A  450 ; *   TEST CASE NAME:          SFCVA22
031A  451 ; *
031A  452 ; *   SYSTEM SERVICE:          CRETVA
031A  453 ; *
031A  454 ; *   ARGUMENT UNDER TEST:     RETADR_CVA22
031A  455 ; *
031A  456 ; *   INPUT CONDITIONS:
031A  457 ; *      SECOND LONGWORD OF RETURN ADDRESS FIELD BEGINS IN
031A  458 ; *          ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
031A  459 ; *
031A  460 ; *   EXPECTED RESULTS:
031A  461 ; *      1) SYSTEM STATUS CODE:  ACCVIO
031A  462 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
031A  463 ; *
031A  464 ; ***************************************************************
031A  465 ;--
031A  466 ;
031A  467 ;
031A  468         TCEND
```

```
031B   469 ;
031B   470 ;          TC_GROUP         DVA,1,TS2
0342   471 ;
0342   472 ;          NEXT_TEST_CASE   SFDVA10
```

```
0342   473  ;
0342   474  ;++
0342   475  ;  ***********************************************************
0342   476  ;  *
0342   477  ;  *   TEST CASE NAME:           SFDVA10
0342   478  ;  *
0342   479  ;  *   SYSTEM SERVICE:           DELTVA
0342   480  ;  *
0342   481  ;  *   ARGUMENT UNDER TEST:      INADR_DVA10
0342   482  ;  *
0342   483  ;  *   INPUT CONDITIONS:
0342   484  ;  *      ISSUE DELTVA WITH RANGE OF ADDRESSES IN
0342   485  ;  *         SYSTEM SPACE.
0342   486  ;  *
0342   487  ;  *   EXPECTED RESULTS:
0342   488  ;  *      1) SYSTEM STATUS CODE:  NOPRIV
0342   489  ;  *      2) REGISTERS R2 THROUGH FP UNCHANGED
0342   490  ;  *
0342   491  ;  ***********************************************************
0342   492  ;--
0342   493  ;
0342   494  ;
0342   495           NEXT_TEST_CASE  SFDVA11
```

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SATSSF13   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:41:49 VAX/VMS Macro V04-00   Page 18
V04-000   SFDVA11   5-SEP-1984 04:29:04 [UETPSY.SRC]SATSSF13.MAR;1   (1)

```
034E    496  ;
034E    497  ;++
034E    498  ; ***********************************************************
034E    499  ; *
034E    500  ; *   TEST CASE NAME:          SFDVA11
034E    501  ; *
034E    502  ; *   SYSTEM SERVICE:          DELTVA
034E    503  ; *
034E    504  ; *   ARGUMENT UNDER TEST:     INADR_DVA11
034E    505  ; *
034E    506  ; *   INPUT CONDITIONS:
034E    507  ; *     DELETE A PAGE ALREADY OWNED BY EXEC MODE.
034E    508  ; *
034E    509  ; *   EXPECTED RESULTS:
034E    510  ; *     1) SYSTEM STATUS CODE:  PAGOWNVIO
034E    511  ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
034E    512  ; *
034E    513  ; ***********************************************************
034E    514  ;--
034E    515  ;
034E    516           MODE    TO,10$,EXEC,NOREGS       ; GET INTO EXEC MODE FOR EXPREG
036B    517           $EXPREG_S PAGCNT=#1, RETADR=INADR_DVA11
037E    518                                            ; GET A 1-PAGE REGION OWNED BY EXEC MODE
037E    519           MODE    FROM,10$                 ; BACK TO USER MODE
037F    520  ;
037F    521           NEXT_TEST_CASE  SFDVA12
```

```
038B    522 ;++
038B    523 ;
038B    524 ; ****************************************************************
038B    525 ; *
038B    526 ; *   TEST CASE NAME:          SFDVA12
038B    527 ; *
038B    528 ; *   SYSTEM SERVICE:          DELTVA
038B    529 ; *
038B    530 ; *   ARGUMENT UNDER TEST:     INADR_DVA12
038B    531 ; *
038B    532 ; *   INPUT CONDITIONS:
038B    533 ; *      INPUT ADDRESS FIELD AT LOCATION 0.
038B    534 ; *
038B    535 ; *   EXPECTED RESULTS:
038B    536 ; *      1) SYSTEM STATUS CODE:  ACCVIO
038B    537 ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
038B    538 ; *
038B    539 ; ****************************************************************
038B    540 ;--
038B    541 ;
038B    542          MODE    TO,20$,EXEC,NOREGS         ; INTO EXEC MODE FOR CNTREG
03A8    543          $CNTREG_S PAGCNT=#1               ; GIVE BACK PAGE ACQUIRED BY SFDVA11
03B7    544          MODE    FROM,20$                   ; BACK TO USER MODE
038B    545 ;
038B    546          NEXT_TEST_CASE  SFDVA13
```

```
03C4    547  ;++
03C4    548  ;++
03C4    549  ; *************************************************************
03C4    550  ; *
03C4    551  ; *    TEST CASE NAME:          SFDVA13
03C4    552  ; *
03C4    553  ; *    SYSTEM SERVICE:          DELTVA
03C4    554  ; *
03C4    555  ; *    ARGUMENT UNDER TEST:     INADR_DVA13
03C4    556  ; *
03C4    557  ; *    INPUT CONDITIONS:
03C4    558  ; *        INPUT ADDRESS FIELD IN NON-ACCESSIBLE PSECT.
03C4    559  ; *
03C4    560  ; *    EXPECTED RESULTS:
03C4    561  ; *        1) SYSTEM STATUS CODE: ACCVIO
03C4    562  ; *        2) REGISTERS R2 THROUGH FP UNCHANGED
03C4    563  ; *
03C4    564  ; *************************************************************
03C4    565  ;--
03C4    566
03C4    567
03C4    568          NEXT_TEST_CASE  SFDVA14
```

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SATSSF13   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:41:49 VAX/VMS Macro V04-00   Page 21
V04-000   SFDVA14   5-SEP-1984 04:29:04 [UETPSY.SRC]SATSSF13.MAR;1   (1)

```
03D0     569 ;
03D0     570 ;++
03D0     571 ; ***********************************************************
03D0     572 ; *
03D0     573 ; *  TEST CASE NAME:          SFDVA14
03D0     574 ; *
03D0     575 ; *  SYSTEM SERVICE:          DELTVA
03D0     576 ; *
03D0     577 ; *  ARGUMENT UNDER TEST:     INADR_DVA14
03D0     578 ; *
03D0     579 ; *  INPUT CONDITIONS:
03D0     580 ; *     SECOND LONGWORD OF INPUT ADDRESS FIELD BEGINS IN
03D0     581 ; *         ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
03D0     582 ; *
03D0     583 ; *  EXPECTED RESULTS:
03D0     584 ; *     1) SYSTEM STATUS CODE:  ACCVIO
03D0     585 ; *     2) REGISTERS R2 THROUGH FP UNCHANGED
03D0     586 ; *
03D0     587 ; ***********************************************************
03D0     588 ;--
03D0     589 ;
03D0     590 ;
03D0     591          NEXT_TEST_CASE  SFDVA20
```

```
03DC   592 :
03DC   593 ;++
03DC   594 ;   ************************************************************
03DC   595 ;   *
03DC   596 ;   *   TEST CASE NAME:          SFDVA20
03DC   597 ;   *
03DC   598 ;   *   SYSTEM SERVICE:          DELTVA
03DC   599 ;   *
03DC   600 ;   *   ARGUMENT UNDER TEST:     RETADR_DVA20
03DC   601 ;   *
03DC   602 ;   *   INPUT CONDITIONS:
03DC   603 ;   *      RETURN ADDRESS FIELD AT LOCATION 1.
03DC   604 ;   *
03DC   605 ;   *   EXPECTED RESULTS:
03DC   606 ;   *      1) SYSTEM STATUS CODE:  ACCVIO
03DC   607 ;   *      2) REGISTERS R2 THROUGH FP UNCHANGED
03DC   608 ;   *
03DC   609 ;   ************************************************************
03DC   610 ;--
03DC   611 ;
03DC   612 ;
03DC   613          NEXT_TEST_CASE  SFDVA21
```

```
03E8    614  ;++
03E8    615  ;++
03E8    616  ;*********************************************************
03E8    617  ;*
03E8    618  ;*   TEST CASE NAME:          SFDVA21
03E8    619  ;*
03E8    620  ;*   SYSTEM SERVICE:          DELTVA
03E8    621  ;*
03E8    622  ;*   ARGUMENT UNDER TEST:     RETADR_DVA21
03E8    623  ;*
03E8    624  ;*   INPUT CONDITIONS:
03E8    625  ;*      RETURN ADDRESS FIELD IN READ-ONLY PSECT.
03E8    626  ;*
03E8    627  ;*   EXPECTED RESULTS:
03E8    628  ;*      1) SYSTEM STATUS CODE: ACCVIO
03E8    629  ;*      2) REGISTERS R2 THROUGH FP UNCHANGED
03E8    630  ;*
03E8    631  ;*********************************************************
03E8    632  ;--
03E8    633  ;
03E8    634  ;
03E8    635            NEXT_TEST_CASE  SFDVA22
```

```
03F4    636   ;++
03F4    637   ;
03F4    638   ; **********************************************************
03F4    639   ; *
03F4    640   ; *   TEST CASE NAME:          SFDVA22
03F4    641   ; *
03F4    642   ; *   SYSTEM SERVICE:          DELTVA
03F4    643   ; *
03F4    644   ; *   ARGUMENT UNDER TEST:     RETADR_DVA22
03F4    645   ; *
03F4    646   ; *   INPUT CONDITIONS:
03F4    647   ; *      SECOND LONGWORD OF RETURN ADDRESS FIELD BEGINS IN
03F4    648   ; *         ACCESSIBLE PSECT, ENDS IN NON-ACCESSIBLE PSECT.
03F4    649   ; *
03F4    650   ; *   EXPECTED RESULTS:
03F4    651   ; *      1) SYSTEM STATUS CODE: ACCVIO
03F4    652   ; *      2) REGISTERS R2 THROUGH FP UNCHANGED
03F4    653   ; *
03F4    654   ; **********************************************************
03F4    655   ;--
03F4    656   ;
03F4    657   ;
03F4    658           TCEND
```

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- SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:41:49 VAX/VMS Macro V04-00   Page 25
5-SEP-1984 04:29:04 [UETPSY.SRC]SATSSF13.MAR;1   (2)

```
03F5    660 ;
03F5    661 ;          TC_GROUP        PWS,1,TS3
041C    662 ;
041C    663 ;          NEXT_TEST_CASE  SFPWS10
```

```
041C    664  ;
041C    665  ;++
041C    666  ;*****************************************************************
041C    667  ;*
041C    668  ;*   TEST CASE NAME:            SFPWS10
041C    669  ;*
041C    670  ;*   SYSTEM SERVICE:            PURGWS
041C    671  ;*
041C    672  ;*   ARGUMENT UNDER TEST:       INADR_PWS10
041C    673  ;*
041C    674  ;*   INPUT CONDITIONS:
041C    675  ;*      INPUT ADDRESS ARRAY AT LOCATION 0.
041C    676  ;*
041C    677  ;*   EXPECTED RESULTS:
041C    678  ;*      1) SYSTEM STATUS CODE:  ACCVIO
041C    679  ;*      2) REGISTERS R2 THROUGH FP UNCHANGED
041C    680  ;*
041C    681  ;*****************************************************************
041C    682  ;--
041C    683  ;
041C    684  ;
041C    685          NEXT_TEST_CASE  SFPWS11
```

```
0428   686 ;
0428   687 ;++
0428   688 ; ********************************************************************
0428   689 ; *
0428   690 ; *   TEST CASE NAME:          SFPWS11
0428   691 ; *
0428   692 ; *   SYSTEM SERVICE:          PURGWS
0428   693 ; *
0428   694 ; *   ARGUMENT UNDER TEST:     INADR_PWS11
0428   695 ; *
0428   696 ; *   INPUT CONDITIONS:
0428   697 ; *       INPUT ADDRESS ARRAY IN NON-ACCESSIBLE PSECT.
0428   698 ; *
0428   699 ; *   EXPECTED RESULTS:
0428   700 ; *       1) SYSTEM STATUS CODE: ACCVIO
0428   701 ; *       2) REGISTERS R2 THROUGH FP UNCHANGED
0428   702 ; *
0428   703 ; ********************************************************************
0428   704 ;--
0428   705 ;
0428   706 ;
0428   707           NEXT_TEST_CASE  SFPWS12
```

```
0434  708  :
0434  709  :++
0434  710  :********************************************************
0434  711  :*
0434  712  :*   TEST CASE NAME:          SFPWS12
0434  713  :*
0434  714  :*   SYSTEM SERVICE:          PURGWS
0434  715  :*
0434  716  :*   ARGUMENT UNDER TEST:     INADR_PWS12
0434  717  :*
0434  718  :*   INPUT CONDITIONS:
0434  719  :*       INPUT ADDRESS ARRAY BEGINS IN ACCESSIBLE
0434  720  :*           PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0434  721  :*
0434  722  :*   EXPECTED RESULTS:
0434  723  :*       1) SYSTEM STATUS CODE:  ACCVIO
0434  724  :*       2) REGISTERS R2 THROUGH FP UNCHANGED
0434  725  :*
0434  726  :********************************************************
0434  727  :--
0434  728  :
0434  729  :
0434  730          TCEND
```

```
0435   731 ;
0435   732 ;          TC_GROUP        AWS,1,TS4
045C   733 ;
045C   734 ;          NEXT_TEST_CASE  SFAWS20
```

```
045C   735   ;
045C   736   ;++
045C   737   ;**************************************************************
045C   738   ;*
045C   739   ;*  TEST CASE NAME:         SFAWS20
045C   740   ;*
045C   741   ;*  SYSTEM SERVICE:         ADJWSL
045C   742   ;*
045C   743   ;*  ARGUMENT UNDER TEST:    WSETLM_AWS20
045C   744   ;*
045C   745   ;*  INPUT CONDITIONS:
045C   746   ;*      WORKING SET LIMIT FIELD AT LOCATION 1.
045C   747   ;*
045C   748   ;*  EXPECTED RESULTS:
045C   749   ;*      1) SYSTEM STATUS CODE:  ACCVIO
045C   750   ;*      2) REGISTERS R2 THROUGH FP UNCHANGED
045C   751   ;*
045C   752   ;**************************************************************
045C   753   ;--
045C   754   ;
045C   755   ;
045C   756           NEXT_TEST_CASE  SFAWS21
```

```
0468   757 :
0468   758 :++
0468   759 : ************************************************************
0468   760 : *
0468   761 : *  TEST CASE NAME:         SFAWS21
0468   762 : *
0468   763 : *  SYSTEM SERVICE:         ADJWSL
0468   764 : *
0468   765 : *  ARGUMENT UNDER TEST:    WSETLM_AWS21
0468   766 : *
0468   767 : *  INPUT CONDITIONS:
0468   768 : *     WORKING SET LIMIT FIELD IN READ-ONLY PSECT.
0468   769 : *
0468   770 : *  EXPECTED RESULTS:
0468   771 : *     1) SYSTEM STATUS CODE:  ACCVIO
0468   772 : *     2) REGISTERS R2 THROUGH FP UNCHANGED
0468   773 : *
0468   774 : ************************************************************
0468   775 :--
0468   776 :
0468   777 :
0468   778        NEXT_TEST_CASE  SFAWS22
```

```
0474  779 ;
0474  780 ;++
0474  781 ;*******************************************************************
0474  782 ;*
0474  783 ;*   TEST CASE NAME:          SFAWS22
0474  784 ;*
0474  785 ;*   SYSTEM SERVICE:          ADJWSL
0474  786 ;*
0474  787 ;*   ARGUMENT UNDER TEST:     WSETLM_AWS22
0474  788 ;*
0474  789 ;*   INPUT CONDITIONS:
0474  790 ;*      WORKING SET LIMIT FIELD BEGINS IN ACCESSIBLE
0474  791 ;*          PSECT, ENDS IN NON-ACCESSIBLE PSECT.
0474  792 ;*
0474  793 ;*   EXPECTED RESULTS:
0474  794 ;*      1) SYSTEM STATUS CODE:  ACCVIO
0474  795 ;*      2) REGISTERS R2 THROUGH FP UNCHANGED
0474  796 ;*
0474  797 ;*******************************************************************
0474  798 ;--
0474  799 ;
0474  800 ;
0474  801         TCEND
```

```
0475   802 TS1:
0475   803              TESTSERV        CRETVA,ERR,SATS,                              =
0475   804                                                                           =
0475   805                  <1,INADR_CVA,
0475   806                          INADR_CVA10,NOPRIV,     = ;  SFCVA10
0475   807                          INADR_CVA11,PAGOWNVIO,  = ;  SFCVA11
0475   808                          INADR_CVA12,ACCVIO,     = ;  SFCVA12
0475   809                          INADR_CVA13,ACCVIO,     = ;  SFCVA13
0475   810                          INADR_CVA14,ACCVIO,     = ;  SFCVA14
0475   811                                                    >,                     =
0475   812                                                                           =
0475   813                  <1,RETADR_CVA,
0475   814                          RETADR_CVA20,ACCVIO,    = ;  SFCVA20
0475   815                          RETADR_CVA21,ACCVIO,    = ;  SFCVA21
0475   816                          RETADR_CVA22,ACCVIO,    = ;  SFCVA22
0475   817                                                    >,                     =
0475   818                                                                           =
0475   819                  <1,ACMODE_CVA,
0475   820                                                    >,                     =
0475   821
0687   822      TS_CLEANUP                  ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
06A7   823 TS2:
06A7   824              TESTSERV        DELTVA,ERR,SATS,                                    =
06A7   825                                                                                 =
06A7   826                 <1,INADR_DVA,                                                   =
06A7   827                              INADR_DVA10,NOPRIV,      -  ;  SFDVA10
06A7   828                              INADR_DVA11,PAGOWNVIO,   -  ;  SFDVA11
06A7   829                              INADR_DVA12,ACCVIO,      -  ;  SFDVA12
06A7   830                              INADR_DVA13,ACCVIO,      -  ;  SFDVA13
06A7   831                              INADR_DVA14,ACCVIO,      -  ;  SFDVA14
06A7   832                                                   >,                            =
06A7   833                                                                                 =
06A7   834                 <1,RETADR_DVA,                                                  =
06A7   835                              RETADR_DVA20,ACCVIO,     -  ;  SFDVA20
06A7   836                              RETADR_DVA21,ACCVIO,     -  ;  SFDVA21
06A7   837                              RETADR_DVA22,ACCVIO,     -  ;  SFDVA22
06A7   838                                                   >,                            =
06A7   839                                                                                 =
06A7   840                 <1,ACMODE_DVA,                                                  =
06A7   841                                                      >,                          =
06A7   842
08B9   843      TS_CLEANUP                      ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
08D9   844 TS3:
08D9   845        TESTSERV      PURGWS,ERR,SATS,                                    -
08D9   846                                                                          -
08D9   847          <1,INADR_PWS,
08D9   848                       INADR_PWS10,ACCVIO,     -  ; SFPWS10
08D9   849                       INADR_PWS11,ACCVIO,     -  ; SFPWS11
08D9   850                       INADR_PWS12,ACCVIO,     -  ; SFPWS12
08D9   851                                              >,                          -
08D9   852
09AC   853        TS_CLEANUP                 ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
09CC   854 T54:
09CC   855          TESTSERV        ADJWSL,ERR,SATS,                          -
09CC   856                                                                    -
09CC   857            <1,PAGCNT_AWS,                                          -
09CC   858                                              >,                    -
09CC   859                                                                    -
09CC   860            <1,WSETLM_AWS,                                          -
09CC   861                            WSETLM_AWS20,ACCVIO,   -  ; SFAWS20
09CC   862                            WSETLM_AWS21,ACCVIO,   -  ; SFAWS21
09CC   863                            WSETLM_AWS22,ACCVIO,   -  ; SFAWS22
09CC   864                                              >,                    -
09CC   865
0B27   866          TS_CLEANUP              ; CLEAN UP & RETURN TO TEST_SERV_EXEC
```

```
                              0B47   867                 .SBTTL  EXECUTE & CLEANUP
                              0B47   868 EXECUTE:
                              0B47   869                 TEST_SERV_EXEC                    ; EXECUTE ALL T. CASES IN ALL GROUPS
                              0B6F   870 CLEANUP:
                     0138  30 0B6F   871         BSBW    MOD_MSG_PRINT                     ; PRINT TEST MODULE END MSG
00000044'EF  01  1C   01   F0 0B72   872         INSV    #1,#STS$V_INHIB_MSG,#1,MOD_MSG_CODE
                              0B7B   873                                                   ; INHIBIT PRINTING
                              0B7B   874         $EXIT_S MOD_MSG_CODE                      ; EXIT TO OP SYS WITH MSG CODE
```

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SATSSF13   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:41:49 VAX/VMS Macro V04-00   Page 38
V04-000   TC_CONTROL   5-SEP-1984 04:29:04 [UETPSY.SRC]SATSSF13.MAR;1   (2)

```
0B88    876                    .SBTTL  TC_CONTROL
0B88    877          ;++
0B88    878          ; FUNCTIONAL DESCRIPTION:
0B88    879          ;
0B88    880          ;          THE TC_CONTROL SUBROUTINE IS CALLED BY THE TEST_SERV_EXEC
0B88    881          ; MACRO TO EXECUTE A GROUP OF TEST CASES. A GROUP IS DEFINED BY A TC_GROUP
0B88    882          ; MACRO. FOR EACH TC_GROUP MACRO, THERE IS A CORRESPONDING TESTSERV MACRO.
0B88    883          ; TESTSERV CONTAINS CODE TO EXECUTE SYSTEM SERVICES AND CHECK THE RETURNED
0B88    884          ; STATUS CODE VALUES. TESTSERV ARGUMENTS ARE CODED TO SPECIFY ALL THE SYSTEM
0B88    885          ; SERVICE ARGUMENT VALUES AND THE EXPECTED STATUS CODE FOR EACH TEST CASE
0B88    886          ; DEFINED BY A NEXT TEST CASE MACRO WITHIN THE GROUP. TC_CONTROL USES A
0B88    887          ; CO-ROUTINE INTERFACE TO ENTER THE CODE OF THE APPROPRIATE TESTSERV MACRO
0B88    888          ; IN VARIOUS PLACES. THE FIRST ENTRY OCCURS ONCE PER GROUP TO ALLOW TESTSERV
0B88    889          ; TO DO SOME INITIALIZATION. THEN TWO ENTRIES ARE MADE FOR EACH TEST CASE IN
0B88    890          ; THE GROUP. THE FIRST ALLOWS TESTSERV TO ISSUE THE SUBJECT SYSTEM SERVICE.
0B88    891          ; THE SECOND ENTRY FOR THE TEST CASE CAUSES TESTSERV TO CHECK THE RETURNED
0B88    892          ; STATUS CODE, PRINTING A FAILURE MESSAGE IF IT IS NOT THE EXPECTED CODE.
0B88    893          ; IF THERE ARE NO MORE TEST CASES IN THE CURRENT GROUP, TESTSERV (NOT TC_CONTROL)
0B88    894          ; RETURNS DIRECTLY TO TEST_SERV_EXEC (RSB ACTUALLY ISSUED IN TS_CLEANUP MACRO)
0B88    895          ; FROM THIS SECOND ENTRY; OTHERWISE, CONTROL RETURNS TO TC_CONTROL WHICH
0B88    896          ; IN TURN ENTERS TESTSERV AGAIN FOR THE NEXT TEST CASE. THE FAILURE OF A
0B88    897          ; TEST CASE DOES NOT CAUSE TERMINATION OF THE TEST MODULE.
0B88    898          ;
0B88    899          ; CALLING SEQUENCE:
0B88    900          ;
0B88    901          ;     BSBW  TC_CONTROL (ISSUED WITHIN THE TEST_SERV_EXEC MACRO)
0B88    902          ;                      (RSB IS ISSUED WITHIN THE TS_CLEANUP MACRO)
0B88    903          ;
0B88    904          ; INPUT PARAMETERS:
0B88    905          ;
0B88    906          ;     NONE
0B88    907          ;
0B88    908          ; IMPLICIT INPUTS:
0B88    909          ;
0B88    910          ;     ARGUMENTS SPECIFIED ON EACH TESTSERV MACRO MAY BE VIEWED AS
0B88    911          ;     INPUTS, SINCE TC_CONTROL AND TESTSERV ACT AS CO-ROUTINES.
0B88    912          ;
0B88    913          ; OUTPUT PARAMETERS:
0B88    914          ;
0B88    915          ;     SEVERITY CODE FIELD OF MOD_MSG_CODE (BITS 0,1,2) IS SET TO ERROR
0B88    916          ;     IF ANY TEST CASE IN THE CURRENT GROUP FAILS; OTHERWISE IT REMAINS
0B88    917          ;     SET TO SUCCESSFUL.
0B88    918          ;
0B88    919          ; IMPLICIT OUTPUTS:
0B88    920          ;
0B88    921          ;     %UETP-I-TEXT,   ERROR MESSAGES ARE WRITTEN TO SYS$OUTPUT BY
0B88    922          ;                     THE TESTSERV MACRO (CO-ROUTINE WITH TC_CONTROL)
0B88    923          ;
0B88    924          ; COMPLETION CODES:
0B88    925          ;
0B88    926          ;     NONE
0B88    927          ;
0B88    928          ; SIDE EFFECTS:
0B88    929          ;
0B88    930          ;     NONE
0B88    931          ;
0B88    932          ;--
```

```
                              0B88   933
                              0B88   934
                              0B88   935
                              0B88   936   TC_CONTROL:
         00000064'EF   DD     0B88   937          PUSHL   TS_EP                      ; PUSH TESTSERV ENTRY POINT
                 9E   16     0B8E   938          JSB     a(SP)+                     ; ENTER TESTSERV INITIALIZATION
                              0B90   939   10$:                                     ; PROCESS NEXT TEST CASE
         00000056'EF   20  90 0B90   940          MOVB    #^A/ /,.$$TSTN$$+2          ; MAKE SURE T.C. NAME HAS A BLANK
                 002F  30     0B97   941          BSBW    REG_SAVE                   ; SAVE REGISTERS
         00000004'FF   16     0B9A   942          JSB     aCURRENT_TC                ; JUMP TO CURRENT TEST CASE
                 0037  30     0BA0   943          BSBW    REG_REST                   ; RESTORE REGS FOR TESTSERV
                 9E   16     0BA3   944          JSB     a(SP)+                     ; LET TESTSERV ISSUE SYSTEM SERVICE
                 0042  30     0BA5   945          BSBW    REG_COMP                   ; COMPARE REGS TO SEE IF ...
                              0BA8   946                                            ; ... SYSTEM SERVICE CHANGED ANY
                 9E   16     0BA8   947          JSB     a(SP)+                     ; LET TESTSERV CHEK S.S. STATUS CODE
         00000056'EF   2A  91 0BAA   948          CMPB    #^A/*/,.$$TSTN$$+2         ; HAS TESTSERV INDICATED FAILURE ?
                 DD   12     0BB1   949          BNEQU   10$                        ; NO -- PROCESS NEXT TEST CASE
00000060'EF  00000088'EF DE  0BB3   950          MOVAL   TEST_MOD_FAIL,TMD_ADDR     ; YES -- INDICATE FAILED IN END MSG
00000044'EF  03   00   02 F0 0BBE   951          INSV    #ERROR,#0,#3,MOD_MSG_CODE  ; ADJUST STATUS CODE FOR ERROR
                 C7   11     0BC7   952          BRB     10$                        ; LOOP BAK TO PROCESS NEXT TEST CASE
                              0BC9   953   ;
                              0BC9   954   ; TC_CONTROL RETURNS TO TEST_SERV_EXEC VIA TESTSERV (IN TS_CLEANUP MACRO)
                              0BC9   955   ;
```

```
                          OBC9    957                .SBTTL   SUBROUTINES
                          OBC9    958 REG_SAVE:
                          OBC9    959 ;
                          OBC9    960 ; ********************************************************************
                          OBC9    961 ; *                                                                *
                          OBC9    962 ; *  SAVES R0 THRU SP IN REG_SAVE_AREA                             *
                          OBC9    963 ; *                                                                *
                          OBC9    964 ; ********************************************************************
                          OBC9    965 ;
              7FFF 8F  BB OBC9    966                PUSHR    #R0_THRU_SP            ; SAVE ALL REGS ON STACK
0000000B'EF   6E   3C  28 OBCD    967                MOVC3    #60,(SP),REG_SAVE_AREA ; SAVE REGS (BEFORE S.S.)
              7FFF 8F  BA OBD5    968                POPR     #R0_THRU_SP           ; CLEAN UP STACK
                      05 OBD9    969                RSB                            ; .... AND RETURN
                          OBDA    970 ;
                          OBDA    971 ;
                          OBDA    972 ;
                          OBDA    973 ;
                          OBDA    974 REG_REST:
                          OBDA    975 ;
                          OBDA    976 ;
                          OBDA    977 ; ********************************************************************
                          OBDA    978 ; *                                                                *
                          OBDA    979 ; *  RESTORES R0 THRU SP FROM REG_SAVE_AREA                        *
                          OBDA    980 ; *                                                                *
                          OBDA    981 ; ********************************************************************
                          OBDA    982 ;
              5E   3C  C2 OBDA    983                SUBL2    #60,SP                ; MOVE SP TO MAKE ROOM FOR REGS
6E   00000008'EF   3C  28 OBDD    984                MOVC3    #60,REG_SAVE_AREA,(SP) ; MOVE REGS ONTO STACK FOR POP
              7FFF 8F  BA OBE5    985                POPR     #R0_THRU_SP           ; RESTORE ALL REGS FOR TESTSERV
                      05 OBE9    986                RSB                            ; ... AND RETURN
```

```
                              OBEA    988 REG_COMP:
                              OBEA    989 ;
                              OBEA    990 ; ****************************************************************
                              OBEA    991 ; *                                                              *
                              OBEA    992 ; * 1) PUSHES ALL REGS ONTO STACK                                *
                              OBEA    993 ; * 2) COMPARES REGISTER IMAGES FROM STACK WITH CORRESPONDING     *
                              OBEA    994 ; *       IMAGES FROM REG_SAVE_AREA FOR ALL REGISTERS SPECIFIED   *
                              OBEA    995 ; *       IN REG_COMP_MASK.                                       *
                              OBEA    996 ; * 3) FOR EACH UNEQUAL COMPARE, AN ERROR MESSAGE IS PRINTED      *
                              OBEA    997 ; *       (USING $FAO AND $OUTPUT SYSTEM SERVICES).               *
                              OBEA    998 ; * 4) POPS ALL REGS OFF OF STACK                                 *
                              OBEA    999 ; *                                                              *
                              OBEA   1000 ; ****************************************************************
                              OBEA   1001 ;
                 7FFF 8F  BB  OBEA   1002     PUSHR   #R0_THRU_SP            ; SAVE ALL REGISTERS ON STACK
     56   00000008'EF   DE  OBEE   1003     MOVAL   REG_SAVE_AREA,R6      ; POINT R6 TO BEG OF ...
                              OBF5   1004                                  ; ... REGS (BEFORE S.S.)
          54       5E   D0  OBF5   1005     MOVL    SP,R4                ; POINT R4 TO BEG OF ...
                              OBF8   1006                                  ; ... REGS (AFTER S.S.)
     53       FF 8F   98  OBF8   1007     CVTBL   #-1,R3               ; INITIALIZE REG_COMP_MASK INDEX
                              OBFC   1008 REG_COMP_NEXT:
               53       D6  OBFC   1009     INCL    R3                   ; POINT TO NEXT BIT IN MASK
          53       0F   91  OBFE   1010     CMPB    #15,R3               ; END OF THE MASK ?
               03       1A  OC01   1011     BGTRU   REG_COMP_CONT        ; NO -- CONTINUE
               009F     31  OC03   1012     BRW     REG_COMP_RSB         ; YES -- GO TO COMMON RETURN
                              OC06   1013 REG_COMP_CONT:
          84       86   D1  OC06   1014     CMPL    (R6)+,(R4)+          ; REG BEFORE = REG AFTER ?
               F1       13  OC09   1015     BEQLU   REG_COMP_NEXT        ; YES -- LOOK FOR NEXT REG
  E9  00000000'EF   53  E1  OC0B   1016     BBC     R3,REG_COMP_MASK,REG_COMP_NEXT
                              OC13   1017                                  ; NO -- GET NEXT IF BIT NOT SET
     00000048'EF   53   D0  OC15   1018     MOVL    R3,CLOB_REG_NO       ; NO -- GIVE REG NUMBER TO FAO
  0000004C'EF    FC A6   D0  OC1A   1019     MOVL    -4(R6),REG_BEFORE_SS ; GIVE "BEFORE" CONTENTS TO FAO
  00000050'EF    FC A4   D0  OC22   1020     MOVL    -4(R4),REG_AFTER_SS  ; GIVE "AFTER" CONTENTS TO FAO
     00000056'EF   2A   90  OC2A   1021     MOVB    #^A/*/,$$TSTN$$+2    ; GIVE FAILURE INDIC'N IN ERROR MSG
                              OC31   1022 ;
                              OC31   1023     $FAO_S  ERR_MSG,FAOCTL,OUTL,OUTD,$$SNAD$$, -
                              OC31   1024             $$ASEQ$$,$$PSEQ$$,CLOB_REG_NO,REG_BEFORE_SS,REG_AFTER_SS
                              OC64   1025 ;
  F4A9 CF   F473 CF   B0  OC64   1026     MOVW    OUTL,OUTD            ; ACTUAL OUTPUT LEN IN STRING DESC'R
                              OC6B   1027     PUTMSG  <UETPS_TEXT,#1,#OUTD> ; PRINT THE MSG
  F48D CF   0084 8F   B0  OC80   1028     MOVW    #OUTE-OUTB,OUTD      ; GET MAX LEN BACK INTO DESCRIPTOR
     00000056'EF   20   90  OC87   1029     MOVB    #^A/ /,$$TSTN$$+2    ; REMOVE FAIL INDIC'N FOR NEXT MSG
  00000060'EF  00000088'EF DE  OC8E   1030  MOVAL   TEST_MOD_FAIL,TMD_ADDR ; INDICATE FAILED IN END MSG
  00000044'EF   03  00  02 F0  OC99   1031  INSV    #ERROR,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR ERROR
               FF57     31  OCA2   1032     BRW     REG_COMP_NEXT        ; GO LOOK FOR NEXT REG TO COMPARE
                              OCA5   1033 REG_COMP_RSB:
               7FFF 8F   BA  OCA5   1034     POPR    #R0_THRU_SP          ; CLEAN UP STACK
                     05  OCA9   1035     RSB                          ; RETURN TO CALLER
```

SATSSF13   E 9
V04-000   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:41:49 VAX/VMS Macro V04-00   Page 42
              SUBROUTINES   5-SEP-1984 04:29:04 [UETPSY.SRC]SATSSF13.MAR;1   (2)

```
                          OCAA  1037 MOD_MSG_PRINT:
                          OCAA  1038 ;
                          OCAA  1039 ; ********************************************************************
                          OCAA  1040 ; *                                                                  *
                          OCAA  1041 ; *   PRINTS THE TEST MODULE BEGUN/SUCCESSFUL/FAILED MESSAGES         *
                          OCAA  1042 ; *        (USING THE PUTMSG MACRO).                                  *
                          OCAA  1043 ; *                                                                  *
                          OCAA  1044 ; ********************************************************************
                          OCAA  1045 ;
                          OCAA  1046       PUTMSG  <MOD_MSG_CODE,#2,TMN_ADDR,TMD_ADDR> ; PRINT MSG
                 05       OCC5  1047       RSB                                  ; ... AND RETURN TO CALLER
                          OCC6  1048
                          OCC6  1049 CHMRTN:
                          OCC6  1050 ; ********************************************************************
                          OCC6  1051 ; *
                          OCC6  1052 ; *   CHANGE MODE ROUTINE. THIS ROUTINE GETS CONTROL WHENEVER
                          OCC6  1053 ; *   A CMKRNL, CMEXEC, OR CMSUP SYSTEM SERVICE IS ISSUED
                          OCC6  1054 ; *   BY THE MODE MACRO ('TO' OPTION).  IT MERELY DOES
                          OCC6  1055 ; *   A JUMP INDIRECT ON A FIELD SET UP BY MODE. IT HAS
                          OCC6  1056 ; *   THE EFFECT OF RETURNING TO THE END OF THE MODE
                          OCC6  1057 ; *   MACRO EXPANSION.
                          OCC6  1058 ; *
                          OCC6  1059 ; ********************************************************************
                          OCC6  1060
                   0000   OCC6  1061       .WORD   0                            ; ENTRY MASK
00000079'FF   17          OCC8  1062       JMP     @CHM_CONT                    ; RETURN TO MODE MACRO IN NEW MODE
                          OCCE  1063
                          OCCE  1064 ; *   RET INSTR WILL BE ISSUED IN EXPANSION OF 'MODE FROM, ....' MACRO
                          OCCE  1065 ;
                          OCCE  1066       .END    SATSSF13
```

SATSSF13
Symbol table

f 9
- SATS SYSTEM SERVICE TESTS (FAILING S.   16-SEP-1984 00:41:49   VAX/VMS Macro V04-00   Page 43
                                          5-SEP-1984 04:29:04   [UETPSY.SRC]SATSSF13.MAR;1   (2)

Symbol	Value		
$$$CHARS	= 00000048		
$$$FIRSTTC$$$	= 00000000		
$$$STRINGS	= 00000000		
$$ACT$$	000000F3	R	06
$$ARGS$$	000000FB	R	06
$$ASEQ$$	000000EB	R	06
$$CALL$$	000000DF	R	06
$$DISP$$	000001E6	R	06
$$ERR$$	000001A0	R	06
$$EXP$$	000000F7	R	06
$$INIT$$	000000E3	R	06
$$MAXP$$	= 00000005		
$$PSEQ$$	000000EF	R	06
$$SNAD$$	000000E7	R	06
$$T1	= 00000004		
$$T2	= 00000009		
$$TSTN$$	00000054	R	03
ACMODE_CVA	000000D5	R	02
ACMODE_DVA	000000D5	R	02
CHMRTN	00000CC6	R	06
CHM_CONT	00000079	R	03
CLEANUP	00000B6F	R	06
CLOB_REG_NO	00000048	R	03
CTL$GL_PRD	********	X	06
CURRENT_TC	00000004	R	03
EMPTY	00000000	R	04
ERROR	= 00000002		
ERR_MSG_FAOCTL	00000002	R	02
EXECUTE	00000B47	R	06
GRP_TOTAL	= 00000004		
INADR	000000A9	R	02
INADR_CVA	00000091	R	03
INADR_CVA10	000000BD	R	02
INADR_CVA11	00000099	R	03
INADR_CVA12	= 00000000		
INADR_CVA13	00000008	R	05
INADR_CVA14	= 000001F9	R	04
INADR_DVA	000000A9	R	03
INADR_DVA10	000000BD	R	02
INADR_DVA11	000000B1	R	03
INADR_DVA12	= 00000000		
INADR_DVA13	00000008	R	05
INADR_DVA14	= 000001F9	R	04
INADR_PWS	000000D9	R	02
INADR_PWS10	= 00000000		
INADR_PWS11	00000008	R	05
INADR_PWS12	= 000001F9	R	04
INFO	= 00000003		
LIB$SIGNAL	********	X	06
MEXIT	= 00000000		
MOD_MSG_CODE	00000044	R	03
MOD_MSG_PRINT	00000CAA	R	06
NARGS	= 00000014		
NOACCESS	00000000	R	05
NSSARGS	= 00000002		
ONES	000000B5	R	02
OUTB	0000011C	R	06
OUTD	00000114	R	06
OUTE	000001A0	R	06
OUTL	000000DB	R	06
PAGCNT_AWS	000000E1	R	02
PHD$Q_PRIVMSK	= 00000000		
PRIVMASK	00000071	R	03
PRIV_ARGS	= 00000002		
PROT	000000B1	R	02
PRT$C_NA	********	X	02
PRVPRT	00000070	R	03
PSL$C_USER	= 00000003		
R0_THRU_SP	= 00007FFF		
REGS	0000007D	R	03
REG_AFTER_SS	00000050	R	03
REG_BEFORE_SS	0000004C	R	03
REG_COMP	00000BEA	R	06
REG_COMP_CONT	00000C06	R	06
REG_COMP_MASK	00000000	R	02
REG_COMP_NEXT	00000BFC	R	06
REG_COMP_RSB	00000CA5	R	06
REG_REST	00000BDA	R	06
REG_SAVE	00000BC9	R	06
REG_SAVE_AREA	00000008	R	03
RETADR	00000068	R	03
RETADR_CVA	000000A1	R	03
RETADR_CVA20	= 00000001		
RETADR_CVA21	000000C5	R	02
RETADR_CVA22	= 000001F9	R	04
RETADR_DVA	000000B9	R	03
RETADR_DVA20	= 00000001		
RETADR_DVA21	000000CD	R	02
RETADR_DVA22	= 000001F9	R	04
SATSSFT3	00000000	R	06
SEVERE	= 00000004		
SHR$K_SHRDEF	= 00000001		
SHR$_TEXT	= 00001130		
SS$_ACCVIO	********	X	06
SS$_NOPRIV	********	X	06
SS$_PAGOWNVIO	********	X	06
STS$V_INHIB_MSG	= 0000001C		
SUCCESS	= 00000001		
SYS$ADJWSL	********	GX	06
SYS$CMEXEC	********	GX	06
SYS$CMKRNL	********	GX	06
SYS$CNTREG	********	GX	06
SYS$CRETVA	********	GX	06
SYS$DELTVA	********	GX	06
SYS$EXIT	********	GX	06
SYS$EXPREG	********	GX	06
SYS$FAO	********	X	06
SYS$FAOL	********	GX	06
SYS$HIBER	********	GX	06
SYS$PURGWS	********	GX	06
SYS$SETPRN	********	GX	06
SYS$SETPRT	********	GX	06
SYS$SETPRV	********	GX	06
SYS$WAKE	********	GX	06

```
TC1                                 00000241 R      06
TC2                                 0000051B R      06
TC3                                 000003F5 R      06
TC4                                 00000435 R      06
TCG_NO                          =   00000004
TC_CONTROL                          00000B88 R      06
TEST_MOD_BEG                        00000077 R      02
TEST_MOD_FAIL                       00000088 R      02
TEST_MOD_NAME                       0000006E R      02
TEST_MOD_NAME_D                     0000008F R      02
TEST_MOD_SUCC                       0000007D R      02
TMD_ADDR                            00000060 R      03
TMN_ADDR                            0000005C R      03
TPID                                00000000 R      03
TS1                                 00000475 R      06
TS2                                 000006A7 R      06
TS3                                 000008D9 R      06
TS4                                 000009CC R      06
TS_EP                               00000064 R      03
TTNAME                              0000009F R      02
UETP$_SATSMS                    =   007480D9
UETP$_TEXT                      =   00741133
WARNING                         =   00000000
WSETLM_AWS                          000000C1 R      03
WSETLM_AWS20                    =   00000001
WSETLM_AWS21                        000000E5 R      02
WSETLM_AWS22                    =   000001FF R      04
```

```
                              +-----------------+
                              ! Psect synopsis  !
                              +-----------------+
```

PSECT name	Allocation		PSECT No.		Attributes											
. ABS .	00000000	(0.)	00	(0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
ABS	00000000	(0.)	01	(1.)	NOPIC	USR	CON	ABS	LCL	NOSHR	EXE	RD		WRT	NOVEC	BYTE
RODATA	000000E9	(233.)	02	(2.)	NOPIC	USR	CON	REL	LCL	NOSHR	NOEXE	RD	NOWRT	NOVEC	LONG
RWDATA	000000C5	(197.)	03	(3.)	NOPIC	USR	CON	REL	LCL	NOSHR	NOEXE	RD		WRT	NOVEC	BYTE
SATS_ACCVIO_1	00000200	(512.)	04	(4.)	NOPIC	USR	CON	REL	LCL	NOSHR	NOEXE	RD		WRT	NOVEC	PAGE
SATS_ACCVIO_2	00000200	(512.)	05	(5.)	NOPIC	USR	CON	REL	LCL	NOSHR	NOEXE	RD		WRT	NOVEC	PAGE
SATSSF13	00000CCE	(3278.)	06	(6.)	NOPIC	USR	CON	REL	LCL	NOSHR	EXE	RD		WRT	NOVEC	LONG

```
                        +---------------------------+
                        ! Performance indicators  !
                        +---------------------------+
```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	30	00:00:00.08	00:00:00.39
Command processing	109	00:00:00.67	00:00:02.20
Pass 1	404	00:00:15.72	00:00:28.65
Symbol table sort	0	00:00:01.14	00:00:01.66
Pass 2	212	00:00:03.90	00:00:06.34
Symbol table output	18	00:00:00.12	00:00:00.13
Psect synopsis output	2	00:00:00.04	00:00:00.04
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	777	00:00:21.68	00:00:39.41

H 9

SATSSF13   - SATS SYSTEM SERVICE TESTS (FAILING S. 16-SEP-1984 00:41:49 VAX/VMS Macro V04-00   Page 45
VAX-11 Macro Run Statistics   5-SEP-1984 04:29:04 [UETPSY.SRC]SATSSF13.MAR;1   (2)

The working set limit was 1950 pages.
83502 bytes (164 pages) of virtual memory were used to buffer the intermediate code.
There were 40 pages of symbol table space allocated to hold 660 non-local and 130 local symbols.
1066 source lines were read in Pass 1, producing 29 object records in Pass 2.
69 pages of virtual memory were used to define 53 macros.

```
                                    +-----------------------------+
                                    ! Macro library statistics !
                                    +-----------------------------+

Macro library name                        Macros defined
-----------------                         --------------
_$255$DUA28:[SHRLIB]UETP.MLB;1                  19
_$255$DUA28:[SYS.OBJ]LIB.MLB;1                   2
_$255$DUA28:[SYSLIB]STARLET.MLB;2               26
TOTALS (all libraries)                          47
```

1313 GETS were required to define 47 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS$:SATSSF13/OBJ=OBJ$:SATSSF13 MSRC$:SATSSF13/UPDATE=(ENH$:SATSSF13)+EXECML$/LIB+SHRLIB$:UETP/LIB